NRCS - Rhode Island Engineering

Access Road – Code 560 Standard Design Instruction Sheet

The Access Road Standard Design AutoCAD sheets have been converted to a fillable Adobe .pdf file. The following list provides descriptions of the information required in the fillable fields that the user will input.

Please note that the information entered in fields 2a through 2i should correspond to the information on the cost estimate spreadsheet. Also note that the information entered in fields 3a through 3d is the same on all 4 sheets.

Sheet 1 of 4

1a: Conservation Practice Standard, i.e. Access Road

1b: Landowner's name or Farm name, whichever is used in the contract.

1c: Town, Rhode Island

2a: Length in linear feet (LF) of sediment fence proposed to be installed

2b: Area in square feet (SF) of seeding/mulching proposed to be installed

2c: Volume in cubic yards (CY) of excavation, if any, required to construct access road

2d: Length in linear feet (LF) of 24-inch diameter HDPE pipe to be installed in drainage way crossing

2e: Volume in cubic yards (CY) of bank run gravel (RIDOT Type Ia) required to construct access road

2f: Volume in cubic yards (CY) of processed gravel (RIDOT Type III) required to construct access road

2g: Volume in cubic yards (CY) of rock riprap (D50=4 inches) required to construct water bar and/or culvert crossing outlets

2h: Area in square feet (SF) of non-woven geotextile required to underlay the rock riprap outlets

2i: Area in square feet (SF) of woven geotextile required to underlay the gravel in the access road

Sheets 1 through 4

3a: Drawing number

3b: County where project is located

3c: Initials of person who checked the design

3d: Date that the design was checked

4a: Total length of access road in feet

4b: Proposed width in feet of access road, including 2-foot shoulders on each side

4c: Proposed total thickness in inches of gravel material, including both processed gravel and bank run gravel

5a: Proposed total top width in feet of access road at culvert crossing location

5b: Proposed total thickness in inches of gravel cover material over pipe/culvert

5c: Total length of pipe in feet

5d: Pipe slope in %=((grade elevation difference in feet/length in feet)*100)

5e: Elevation change in feet from pipe inlet to pipe outlet

5f: Station (X + XX) at centerline of culvert section

5g: Subgrade elevation in feet

5h: Same as 5b (Proposed total thickness in inches of gravel cover material over pipe/culvert)